

What is claimed is:

1. A portable electronic device comprising a power source terminal for connecting to an external power source, an internal power source which is lower than the external power source in voltage, first circuit means to execute first data processing, and second circuit means to execute second data processing which has lower speed than the first data processing, the electronic device being characterized in that the device is so constructed that the external power source supplies power to the device through a power source terminal when the first circuit means is in an active mode, and the internal power source supplies power to the device when the second circuit means is in the active mode.
- 15        2. A portable electronic device according to claim 1 wherein the internal power source is a dry battery or a secondary battery.
- 20        3. A portable electronic device according to claim 1 wherein USB connector conforming to the Universal Serial Bus standard is provided, and one terminal of the USB connector provides the power source terminal.
- 25        4. A portable electronic device according to claim 1

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wherein the first circuit means is provided by a data communication controller to execute predetermined data communication processing for performing data communication with an external information processing device, and the second circuit means is provided by a control circuit to execute device operation processing for usual operation of the device.

5. A portable electronic device according to claim 1 wherein a first power supplying wire extends from the 10 power source terminal, and a second power supplying wire extends from the internal power source, reverse flow resist means is provided on each of the two power supplying wires, each end of the two power supplying wires is interconnected, and the interconnected point is 15 connected to the first circuit means and the second circuit means.

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